1989

OFFICE OF THE FIRE MARSHAL ANNUAL REPORT

Northwest Territories Safety and Public Services

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ANNUAL REPORT

Northwest Territories Safety and Public Services

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THE HONOURABLE JEANNIE MARIE-JEWELL
MINISTER
DEPARTMENT OF SAFETY AND PUBLIC SERVICES
GOVERNMENT OF THE NORTHWEST TERRITORIES
YELLOWKNIFE, NORTHWEST TERRITORIES

I have the honour to present the 1989 Annual Report for the Office of the Fire Marshal.

Yours truly,

Christopher Bell
Fire Marshal

TABLE OF CONTENTS

		PAGE
I.	1989 Annual Fire Loss Return Summary	1
II.	Association and Committee Memberships	2
III.	Fire Prevention, Fire Training	3
IV.	Property Fire Losses, Fire Deaths and Injuries, Investigations, Firefighter Protective Clothing and Equipment	4
V.	Inspections, Plan Review	5
VI.	New Fire Apparatus and Firehall Facilities	6
VII.	Fire Services	7 - 26
VIII.	Fire Losses By Community	27 - 36
IX.	Fire Losses By Occupancy, Fire Losses By Igniting Object	37
X.	Fire Losses By Act or Omission... Arson, Suspicious, Mischief Fires	38
XI.	Total Fire Losses Annually, Comparison in Size of Fire Losses in Dollars	39
XI.	Graph - Number of Fires and Total Dollar Losses 1985-1989	40
XII.	Fire Injuries 1989, Fire Injuries 1985-1989	41
XIII.	Fire Deaths 1989, Fire Deaths 1985-1989	42
XIV.	Graph - Deaths and Injuries 1985-1989	43
XV.	Regional Communities	44
XVI.	Fire Losses By Region	45
XVII.	Annual Fire Loss Return for The Fire Commissioner of Canada	46

1989 ANNUAL FIRE LOSS RETURN SUMMARY

1989 Fire Losses in the: Northwest Territories

Population: 52,298

Number of Fires: 151

Dollar Loss: $5,573,971

Deaths: 4

Injuries: 10

Death Rate (per 100,000 population): 7.65

ASSOCIATION AND COMMITTEE MEMBERSHIPS

1. Association of Canadian Fire Marshals and Fire Commissioners
2. Canadian Association of Fire Chiefs
3. Fire Council - Underwriters Laboratories of Canada
4. Fire Council - Canadian Gas Association
5. Fire Council - Canadian Standards Board
6. Fire Council - Warnock Hersey Professional Services
7. Northwest Territories Fire Chiefs and Firefighters Association
8. National Fire Protection Association
9. Canadian Association of Arson Investigators
10. International Association of Arson Investigators
11. Provincial Advisory Committee on the National Building Code
12. National Task Force on Underground Petroleum Storage Tanks
13. National Task Force on Aboveground Petroleum Storage Tanks
14. Fire Marshals Association of North America
15. International Association of Fire Marshals
16. National Research Council

FIRE PREVENTION

Fire prevention during 1989 saw an increase in activity. Development of the "Learn Not To Burn" program allowed for start-up initiatives which will see every child from kindergarten to Grade 8 in the Northwest Territories benefit from the "Learn Not To Burn" curriculum.

Audio visual materials remained in high demand during 1989. These materials were requested by industry, fire departments and the general public. A gradual change was initiated during 1989 which will eventually see audio visual selections updated from 16mm film to VCR format. Present VCR audio visual programs already include full seminars in firefighting strategy and tactics and fire service management and command. In addition, complete VCR programs are available through the office which can be used to enhance firefighter skills development to NFPA Levels 1 and 2.

FIRE TRAINING

Two hundred sixty nine (269) firefighters received training during 1989. Training offered to firefighters included basic and advanced firefighting, fireground command, fire investigation and apparatus maintenance.

Fire training courses were also delivered to various interest groups and specialized groups such as day care operators and building fire wardens.

During 1989, a new Assistant Fire Marshal was placed in the Keewatin Region operating out of Rankin Inlet. This new position provided for a greater presence by the Fire Marshal's Office in the area and allowed for an increase in local and regionalized training.

A new Fire Command course was designed involving computer generated tactical and strategical simulations in order to develop fireground skills of Northwest Territories Fire Chiefs and Fire Officers.

Identification of firefighter training needs in the Northwest Territories led to the continued development of a master fire training plan initiative by the Fire Marshal's Office and Department of Municipal and Community Affairs in 1989. The plan will see the future establishment of fire training centres, program development and training on an annual basis for all Northwest Territories firefighters.

PROPERTY FIRE LOSSES

Fire losses during 1989 accounted for Five Million Five Hundred Seventy Three Thousand Nine Hundred Seventy One ($5,573,971) Dollars.

FIRE DEATHS AND INJURIES

The number of fire deaths during 1989 rose slightly over 1988 with a total of four (4) recorded deaths. The fire death rate for 1989 was 7.65 per 100,000 population.

Fires caused injury to 10 persons during 1989. The primary cause of fire injuries and deaths in the Northwest Territories is due to careless acts, alcohol abuse and child fireplay.

INVESTIGATIONS

Nineteen (19) special fire investigations were completed by the Office of the Fire Marshal during 1989. Two (2) of these fires resulted in four (4) fatalities. One of the fatal fires resulted in the deaths of three (3) adults. The fire was the result of an unsupervized child playing with matches. The second fatal fire caused the death of one (1) adult. The fire was the result of a grease fire on an unattended stove. INTOXICATION DUE TO ALCOHOL WAS A CONTRIBUTING FACTOR IN ALL FIRE FATALITIES DURING 1989.

Investigation revealed that arson caused 31% of the fire losses in the Northwest Territories in 1989. One fire at a Northwestel Microwave Tower accounted for a loss of one million ($1,000,000) dollars.

FIREFIGHTER PROTECTIVE CLOTHING AND EQUIPMENT

The firefighter protective clothing and equipment upgrade program entered its third year during 1989. Joint cost share programs between individual communities and government allowed for significant equipment upgrades in 1989.

With communities receiving increased responsibility for airport firefighting responses during 1989, equipment upgrade requirements saw acquisition programs aimed at increasing the quality and quantity of crash rescue equipment and suppression capability.

INSPECTIONS

One thousand four hundred and twenty seven (1427) fire inspections were conducted within the Northwest Territories by the Office of the Fire Marshal during 1989.

Closure orders during 1989 included a 54 suite apartment complex, a juvenile detention facility, and a hotel.

National Building Code upgrade orders were issued on numerous building owners. These orders called for extensive retrofits concerning fire alarm systems, upgrading of fire separations, exiting requirements, ventilation, fuel tank berming, sprinklering and interior flame spread potential.

Increased emphasis on remote and older structures was initiated during 1989. This initiative saw inspections of fishing camps, wild game outfitter facilities, correctional camps, construction camps, and older model apartment and hotel complexes.

PLAN REVIEW

Four Hundred Thirty Six (436) plans were reviewed by the Office of the Fire Marshal during 1989.

The Office of the Fire Marshal reviews all building plans with the exception of private single family residences. Single family residence building plans which are part of the Northwest Territories Public Housing Program are reviewed for Code compliance and fire safety.

Upon completion of the review process, the Office of the Fire Marshal co-ordinates the distribution of building plans among other Government agencies and municipal authorities.

Good construction practices and Code compliance requirements are ensured through the use of the following reference documents:

- National Building Code of Canada 1985
- National Fire Code of Canada 1985
- National Fire Protection Association Fire Codes
- National Standards System including Underwriters Laboratories of Canada (ULC), Canadian Standards Association (CSA), Canadian Gas Association (CGA),Canadian General Standards Board (CGSB), and Warnock Hersey Professional Services
- Northwest Territories Fire Prevention Act

NEW FIRE APPARATUS & FIREHALL FACILITIES

The accepted fire apparatus standard in the Northwest Territories provides for a base design 625 Front Mount, 1000 gallon, four wheel drive, automatic transmission, Class A pumper.

A single purchase during 1989 saw the acquisition of a new pumper for the community of Rae Lakes.

A pre-engineered fire hall design continued to serve as the basic firehall design in the Northwest Territories during 1989. Several communities received new firehalls during the year. The firehalls consist of two apparatus bays, a training area, fire chiefs office, washroom, equipment storage room and mechanical room.

FIRE MARSHAL'S OFFICE INITIATIVES

The Office of the Fire Marshal initiated and embarked on several initiatives during 1989.

These initiatives included but were not limited to the following:

- adoption of the Environmental Code of Practice for Underground Storage Tanks Containing Petroleum Products 1988
- development of a Level 2a Fire Investigation Standard
- distribution of a monthly fire service newsletter
- development of a Territorial Fire Training Plan
- development of a Fire Safety Video, "No More Fires"
- development of Territorial Fireworks Regulation
- development of Assistant Fire Marshal Trainee program
- initiation of Territorial Mandatory Sprinkler Task Force
- development of Service Station Fire Safety Campaign
- development of "Learn Not To Burn" program delivery strategy

FIRE SERVICES

AKLAVIK: Hamlet **Population: 777**

Personnel:	Jim Craig, Fire Chief
	13 volunteer fire fighters
Equipment:	1 - triple combination pumper, 1000 gal, 625 gpm
Alarm System:	1 call box connected to annunciator panel in the Fire Hall
	Telephone activated alarm system
Water Supply:	In the winter, water is trucked and in the summer, there are four outlets for fire hoses in the water distribution system.

ARCTIC BAY: Hamlet **Population: 535**

Personnel:	Tommy Kilabuk, Fire Chief
	14 volunteer fire fighters
Equipment:	1 triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

ARCTIC RED RIVER: Settlement **Population: 106**

Personnel:	Noel Andre, Fire Chief
	10 volunteer fire fighters
Equipment:	1 - triple combination pumper 1000 gal, 625 gpm
	300 lbs fire extinguisher
Alarm System:	Fire Siren
Water Supply:	Trucked water

ARVIAT: Hamlet **Population:** 1,255

Personnel:	Simenoi Mamgark, Fire Chief
	24 volunteer fire fighters
Equipment:	Triple combination pumper
	Chemical trailer
Alarm System:	Telephone and Community Siren
Water Supply:	Trucked water

BAKER LAKE: Hamlet **Population:** 1,049

Personnel:	Vince Jones, Fire Chief
	17 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone and pagers
Water Supply:	Trucked water

BROUGHTON ISLAND: Hamlet **Population:** 451

Personnel:	Eliyah Kopalie, Fire Chief
	14 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

CAMBRIDGE BAY: Hamlet — **Population:** 1,027

Personnel:	John Rogers, Fire Chief
	Doug Crossley, Deputy Fire Chief
	17 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Call Boxes and Telephone
Water Supply:	Trucked water

CAPE DORSET: Hamlet — **Population:** 970

Personnel:	Aningmuiq Samayualie, Fire Chief
	23 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

CHESTERFIELD INLET: Hamlet — **Population:** 284

Personnel:	Johnny Sammurtok, Fire Chief
	12 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

CLYDE RIVER: Hamlet — **Population:** 474

Personnel:	Jayko Ashevak, Fire Chief
	14 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

COPPERIME: Hamlet — **Population:** 956

Personnel:	Jerry Atatahak, Fire Chief
	26 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Call boxes connected to annunciator panel in the Fire Hall
Water Supply:	Trucked water

CORAL HARBOUR: Hamlet — **Population:** 522

Personnel:	Willy Nakoolak, Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

DETTAH: Settlement **Population: 131**

Personnel:	Jonas Sangris, Fire Chief
Equipment:	3/4 truck with 350 lb. dry chemical mounted on the back
	300 lb. wheeled dry chemical unit
Alarm System:	Siren
Water supply:	Trucked water

EDZO: Hamlet **Population: 200**

Personnel:	Richard Bonnetrouge, Fire Chief
	19 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Pagers
Water Supply:	Hydrants

ENTERPRISE: Settlement **Population: 56**

Personnel:	Glen Roberts, Fire Chief
Equipment:	3/4 truck with 350 lb. dry chemical mounted on the back
	300 lb. wheeled dry chemical unit
Alarm System:	
Water Supply:	

FORT FRANKLIN: Hamlet — **Population:** 550

Personnel:	Joe Blondin Jr., Fire Chief
	12 volunteer Fire fighters
Equipment:	Triple combination pumper,
Alarm System:	Call boxes
Water Supply:	Trucked water

FORT GOOD HOPE: Settlement — **Population:** 586

Personnel:	Wayne Kakfwi, Fire Chief
	Ronald Pierrot, Substitute Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper, 1000 gal, 625 gpm
Alarm System:	Call boxes and telephone
Water Supply:	Trucked water

FORT LIARD: Hamlet — **Population:** 398

Personnel:	Don Vilie, Fire Chief
	8 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone Wescom 931
Water Supply:	Trucked water

FORT MCPHERSON: Hamlet **Population: 729**

Personnel:	Norman Firth, Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper, 1000 gal, 625 gpm
Alarm System:	Call boxes with annunciator panel and telephone
Water Supply:	Trucked water

FORT NORMAN: Hamlet **Population: 360**

Personnel:	Jim Wrigley, Fire Chief
	5 volunteer fire fighters
Equipment:	Triple combination pumper 1000 gal, 625 gpm
Alarm System:	Call boxes and telephone
Water Supply:	Trucked water

FORT PROVIDENCE: Hamlet **Population: 577**

Personnel:	Robert Sanderson, Fire Chief
	6 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Call boxes with annunciator panel
Water Supply:	Trucked water

FORT RESOLUTION: Settlement **Population:** 475

Personnel:	Cecil Lafferty, Fire Chief
	7 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

FORT SIMPSON: Village **Population:** 1,006

Personnel:	Gerry McCowan, Fire Chief
	13 volunteer fire fighters
Equipment:	2 triple combination pumper
Alarm System:	Call boxes with annunciator panel
Water Supply:	Hydrants and Tankers

FORT SMITH: Town **Population:** 2,505

Personnel:	Frank Price, Fire Chief
	18 volunteer fire fighters
Equipment:	2 triple combination pumper
Alarm System:	Pagers
Water Supply:	Hydrants

GJOA HAVEN: Hamlet **Population:** 706

Personnel:	Alex Ruben, Fire Chief
	12 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked Water

GRISE FIORD: Hamlet **Population: 76**

Personnel:	Raymond Mercredi, Fire Chief
	5 volunteer fire fighters
Equipment:	250 gpm mini pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

HALL BEACH: Hamlet **Population: 476**

Personnel:	Levi Kaunak, Fire Chief
	8 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

HAY RIVER: Town **Population: 2,827**

Personnel:	Everett Kinsman, Fire Chief
	Ross Potter, Deputy Fire Chief
	26 volunteer fire fighters
Equipment:	3 Pumpers - - Two 1050 and One 840
	2 Ambulances
	Tanker
	Rescue Unit
	Rescue Boat (Summer)
	Pick-up truck
Alarm System:	Telephone and Pagers (Wescom 931)
Water Supply:	Hydrants and Trucked Water

HAY RIVER INDIAN RESERVE: Reserve **Population:** 181

Personnel:	Frank Fabian, Fire Chief
	5 volunteer fire fighters
Equipment:	Pumper
Alarm System:	Telephone
Water Supply:	Trucked water

HOLMAN: Hamlet **Population:** 316

Personnel:	Donald Inuktalik, Fire Chief
	11 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Call boxes
Water Supply:	Trucked water

IGLOOLIK: Hamlet **Population:** 922

Personnel:	Koverk Qitanirk, Fire Chief
	11 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

INUVIK: Town **Population: 2,670**

Personnel:	Gerry Ennis, Fire Chief (Full-time)
	Ian Orbell, Deputy Fire Chief (Volunteer)
	24 volunteer fire fighters
Equipment:	1976 - 840 gpm pumper, 700 gal
	1975 - 250 gpm tanker, 1200 gal
	1971 - 625 gpm pumper, 500 gal
	1966 - 500 gpm pumper, 500 gal
	Light Rescue Van
	Pick-up Hose Truck
	Fire Chief's car
Alarm System:	Pagers
Water Supply:	Hydrants, water tanker

IQALUIT: Town **Population: 3,039**

Personnel:	Wynn Jones, Fire Chief (Full-time)
	Randy Smith, Deputy Fire Chief (Full-time)
	4 Full-time firefighters
	21 volunteer fire fighters
Equipment:	2 - triple combination pumpers
	1 - mini pumper with full rescue equipment including hydraulic entry tools, two 1 1/2", air bags
	3 Tankers
	2 Ambulances
Alarm System:	Pagers and automatic alarms
Water Supply:	Hydrants, water tanker, municipal water truck

LAC LA MARTRE: Hamlet — **Population:** 413

Personnel:	Alfred Nitsiza, Fire Chief
Equipment:	Triple combination pumper, 1000 gal, 625 gpm
Alarm System:	Telephone and pagers
Water Supply:	Trucked water

LAKE HARBOUR: Hamlet — **Population:** 341

Personnel:	Jamesie Kootoo, Fire Chief
	18 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Six telephones + siren
Water Supply:	Trucked water

NANISIVIK: Mining Town — **Population:** 317

Personnel:	Paul Parsons, Fire Chief
	15 volunteer fire fighters
Equipment:	1 - triple combination pumper (Government owned)
	1 - 2000 gal tanker (owned by Nanisivik Mines Ltd.)
Alarm System:	Telephone
	Fire Siren
Water Supply:	Supplied through an above ground system of utilidors to the existing hydrants. Hydrants can be used all year round.

NORMAN WELLS: Village **Population: 536**

Personnel:	Ron Ozolin, Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper, 1000 gal, 625 gpm
	Pick-up truck
	Tanker
Alarm System:	Telephone and pagers
Water Supply:	Hydrants and trucked water

PANGNIRTUNG: Hamlet **Population: 1,070**

Personnel:	Tim Dialla, Fire Chief
	20 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

PAULATUK: Hamlet **Population: 233**

Personnel:	Keith Dodge, Fire Chief
	5 volunteer fire fighters
Equipment:	1 - 3/4 truck with 350 lb. dry chemical mounted on the back
	Triple combination pumper
	300 lb. wheeled dry chemical unit
Alarm System:	Fire phone system with eight contacts
Water Supply:	Trucked water with 750 lb. gal capacity

PELLY BAY: Hamlet **Population: 327**

Personnel:	Raymond Kayasark, Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

POND INLET: Hamlet **Population: 885**

Personnel:	Manisses Qamaniq, Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
Water Supply:	Trucked water

RAE: Hamlet **Population: 1,243**

Personnel:	Leon Lafferty, Fire Chief
Equipment:	Triple combination pumper
Alarm System:	Pagers
Water Supply:	Hydrants and trucked water

RANKIN INLET: Hamlet — **Population:** 1,424

Personnel:	Chestly Ford, Acting Fire Chief
	13 volunteer fire fighters
Equipment:	Triple combination pumper
	Ambulance
	Tanker
Alarm System:	Pagers
Water Supply:	Hydrants and trucked water

REPULSE BAY: Hamlet — **Population:** 454

Personnel:	Evi Katokra, Fire Chief
	12 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

RESOLUTE BAY: Hamlet — **Population:** 166

Personnel:	Simon Idlout, Fire Chief
	6 volunteer fire fighters
Equipment:	Triple combination to pumper
Alarm System:	Telephone + siren
Water Supply:	Hydrants

SACHS HARBOUR: Hamlet — **Population:** 171

Personnel:	Robert Eldridge, Fire Chief
	7 volunteer fire fighters
Equipment:	Triple combination pumper, 1000 gal, 625 gpm
Alarm System:	Telephone and pagers
Water Supply:	Trucked water

SANIKILUAQ: Hamlet — **Population:** 457

Personnel:	Issac Inuktaluk, Fire Chief
	17 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Telephone + siren
	Telephone
Water Supply:	Trucked water

SNOWDRIFT: Settlement — **Population:** 263

Personnel:	Mod Cassoway, Fire Chief
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

SPENCE BAY: Hamlet — **Population:** 540

Personnel:	Pat Lyall, Fire Chief
Equipment:	Triple combination pumper
Alarm System:	Telephone
Water Supply:	Trucked water

TUKTOYAKTUK: Hamlet **Population: 956**

Personnel:	Robert Schmidt, Fire Chief
	10 volunteer fire fighters
Equipment:	Triple combination pumper
	Water Tanker
	Fire Chief's truck c/w 350 lbs dry chemical
Alarm System:	Call boxes and pagers
Water Supply:	Trucked water

WHALE COVE: Hamlet **Population: 246**

Personnel:	Daniel Parika, Fire Chief
	11 volunteer fire fighters
Equipment:	Triple combination pumper
Alarm System:	Call boxes
Water Supply:	Trucked water

WRIGLEY: Settlement **Population: 161**

Personnel:	Steve Moses, Fire Chief
	Keith Nayally, Deputy Fire Chief
	3 volunteer fire fighters
Equipment:	1 - triple combination pumper
	350 lbs dry chemical
Alarm System:	Telephone
Water Supply:	Trucked water

YELLOWKNIFE: City **Population:** 13,011

Personnel:	Mick Beauchamp, Fire Chief
	Mark O'Flanagan, Deputy Fire Chief
	17 Full-time firefighters
	19 volunteer firefighters
Equipment:	1 - 1986 - 1050 pumper (Engine 5)
	1 - 1975 - 1050 pumper (Engine 4)
	1 - 1975 - 100' aerial ladder truck
	1 - 1982 - 1050 pumper (Engine 6)
	1 - 1970 - 4 wheel drive rescue unit
	1 - 2200 - gal tanker
	1 - 2500 - gal tanker
	1 - Fire Chief's car
	1 - Pick-up truck
	2 - Ambulances
Alarm System:	Pager System
	Telephone
Water supply:	Hydrants and water tanker to outlying areas

UNORGANIZED AREAS

COLVILLE LAKE: Settlement — **Population:** 52

Equipment: Fire Extinguishers

JEAN MARIE RIVER: Settlement — **Population:** 66

Personnel: Jonas Sanguez, Fire Chief

Equipment: 3/4 ton truck with 350 lbs dry chemical mounted on the back

KAKISA LAKE: Settlement — **Population:** 29

Equipment: Fire Extinguishers located in buildings designated as fire stations.

NAHANNI BUTTE: Settlement — **Population:** 87

Equipment: Fire extinguishers

RAE LAKES: Settlement — **Population:** 188

Equipment: Pumps

Fire Extinguishers

SNARE LAKE: Settlement — **Population:** 123

Equipment: Fire extinguishers

TROUT LAKE: Settlement — **Population:** 57

Equipment: Fire extinguishers

GIANT YELLOWKNIFE MINES, YELLOWKNIFE, NORTHWEST TERRITORIES

Personnel:	Max Rivett, Fire Chief
	Dave Jarvis, Deputy Fire Chief
	13 fire fighters
Equipment:	66 International
	625 gal per minute mid-ship
	4 x 4 - 350 lbs dry chemical unit
	Rescue van high expansion diesel foam generator (property of the Government of the Northwest Territories (GNWT)

POLARIS MINES, LITTLE CORNWALLIS ISLAND, NORTHWEST TERRITORIES

Personnel:	Don Souter, Fire Chief
	20 fire fighters
Equipment:	625 Ford pumper
Alarm System:	Pagers
	Radio
Water Supply:	Water distribution system

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
AKLAVIK	1989	0	0	0	0
	1988	1	0	3,000	3,000
	1987	5	15,000	193,000	208,000
	1986	1		80,000	80,000
	1985	3		7,000	7,000
ARCTIC BAY	1989	0	0	0	0
	1988	1	0	285	285
	1987	0			
	1986	1	70,000	10,000	80,000
	1985	0			
ARCTIC RED RIVER	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	1	3,416	66,584	70,000
	1985	0			
BAKER LAKE	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	1	0	0	0
	1985	0			
BROUGHTON ISLAND	1989	0	0	0	0
	1988	0			
	1987	1	18,548		18,548
	1986	1	750		750
	1985	0			
CAMBRIDGE BAY	1989	4	182,000	0	182,000
	1988	4	0	1,700	1,700
	1987	2	148,100	174,000	322,100
	1986	2		8,500	8,500
	1985	4	95,000	20,000	115,000

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
CAPE DORSET	1989	0	0	0	0
	1988	1	50,000	0	50,000
	1987	0			
	1986	1		140,000	140,000
	1985	0			
CHESTERFIELD INLET	1989	0	0	0	0
	1988	1	0	100	100
	1987	0			
	1986	0			
	1985	0			
CLYDE RIVER	1989	0	0	0	0
	1988	0			
	1987	1		112	112
	1986	1		800	800
	1985	1		30	30
COPPERMINE	1989	1	0	100,000	100,000
	1988	1	2,000	0	2,000
	1987	3			
	1986	4		3,300	3,300
	1985	1			
CORAL HARBOUR	1989	1	210,000	0	210,000
	1988	1	15,000	0	15,000
	1987	0			
	1986	1			
	1985	1			
EDZO	1989	0			
	1988	0			
	1987	0			
	1986	0			
	1985	0			

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
ENTERPRISE	1989	1	10,000	0	10,000
	1988	0			
	1987	0			
	1986	1		41,500	41,500
	1985	6	67,500	3,000	70,500
ESKIMO POINT	1989	0	0	0	0
	1988	2	0	1,530	1,530
	1987	7	145,115	5,128	150,243
	1986	6	85,354	24,000	109,354
	1985	4	8,894	150	9,044
FORT FRANKLIN	1989	0	0	0	0
	1988	4	951	7,000	7,951
	1987	0			
	1986	0			
	1985	1	12,500		12,500
FORT GOOD HOPE	1989	1	0	0	0
	1988	0			
	1987	1		12,700	12,700
	1986	5	2,500	3,600	6,100
	1985	2		2,200	2,200
FORT LIARD	1989	1	10,000	0	10,000
	1988	1	0	2,700	2,700
	1987	3		3,000	3,000
	1986	2			
	1985	1	30,000		30,000
FORT MCPHERSON	1989	1	0	1,300	1,300
	1988	2	0	6,400	6,400
	1987	1	0	300	300
	1986	2	134,150	1,300	135,450
	1985	3		61,100	61,100

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
FORT NORMAN	1989	2	295,000	0	295,000
	1988	0			
	1987	0			
	1986	2		30,000	30,000
	1985	1			
FORT PROVIDENCE	1989	3	24,300	0	24,300
	1988	3	29,050	4,000	33,050
	1987	0			
	1986	1	80,000		80,000
	1985	2	1,500		1,500
FORT RESOLUTION	1989	2	0	0	0
	1988	1	60,000	0	60,000
	1987	1	3,500	0	3,500
	1986	1	0	0	
	1985	6	28,315	7,200	35,515
FORT SIMPSON	1989	1	0	80,000	80,000
	1988	2	0	28,000	28,000
	1987	0	0	0	0
	1986	2	176,800	25,000	201,800
	1985	5	592,900	10,500	603,400
FORT SMITH	1989	4	0	12,530	12,530
	1988	7	10,024	20,500	30,524
	1987	4	11,742	35,000	46,742
	1986	7	33,880	6,200	40,080
	1985	13	4,500	65,300	69,800
GJOA HAVEN	1989	2	0	0	0
	1988	4	180,700	2,300	183,000
	1987	2	0	1,200	1,200
	1986	4	200	1,400	1,600
	1985	0			

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
GRISE FIORD	1989	1	14,500	0	14,500
	1988	0			
	1987	1	14,500	41,000	55,500
	1986	0			
	1985	0			
HALL BEACH	1989	0	0	0	0
	1988	1	0	125,000	125,000
	1987	0			
	1986	0			
	1985	0			
HAY RIVER	1989	16	244,871	18,500	263,371
	1988	18	10,100	29,600	39,700
	1987	14	73,200	82,500	155,700
	1986	3		50,400	50,400
	1985	13	159,500	18,025	177,525
HOLMAN ISLAND	1989	1	0	0	0
	1988	1		50,000	50,000
	1987	1		15,000	15,000
	1986	1		5,000	5,000
	1985	1	100,000	0	100,000
IGLOOLIK	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	1			
	1985	1			
INUVIK	1989	21	277,000	446,400	723,400
	1988	20	113,900	28,600	142,500
	1987	10	1,133,212	5,250	1,138,462
	1986	17	12,450	71,867	84,317
	1985	24	29,300	27,632	56,932

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
IQALUIT	1989	16	20,000	63,725	83,725
	1988	20	16,000	51,000	67,000
	1987	14	1,000	213,450	214,450
	1986	14	100,300	67,970	168,270
	1985	13	103,500	1,230	104,730
JEAN MARIE RIVER	1989	0			
	1988	0			
	1987	0			
	1986	0			
	1985	0			
LAC LA MARTE	1989	1	2,000	0	2,000
	1988	1	0	500	500
	1987	0		0	
	1986	1		22,000	22,000
	1985	0			
LAKE HARBOUR	1989	2	500	0	500
	1988	0			
	1987	0			
	1986	0			
	1985	1	350,000		350,000
NANISIVIK	1989	3	0	6,500	6,500
	1988	2	2,500	0	2,500
	1987	0			
	1986	1			
	1985	0			
NORMAN WELLS	1989	4	300,000	6,000	306,000
	1988	3	8,600	0	8,600
	1987	5		250,000	250,000
	1986	9	213,946	168,139	382,085
	1985	5	6,000	27,632	33,632

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
PANGNIRTUNG	1989	3	0	5,900	5,900
	1988	7	113,000	4,250	117,250
	1987	1	0	350	350
	1986	3	497,100	200	497,300
	1985	2	20,000	37,000	57,000
PAULATUK	1989	2	18,000	0	18,000
	1988	1	0	0	
	1987	0			
	1986	0			
	1985	0			
PELLY BAY	1989	0	0	0	0
	1988	0			
	1987	1		300	300
	1986	2			
	1985	0			
PINE POINT	1989	0	0	0	0
	1988		TOWN CLOSED		
	1987	4	1,800	13,500	15,300
	1986	7	38,330	20,600	58,930
	1985	8	165,280	91,563	256,843
POND INLET	1989	0	0	0	0
	1988	1	179,000	0	179,000
	1987	1	10,000		10,000
	1986	0			
	1985	1		1,420	1,420
RAE	1989	0	0	0	0
	1988	3	8,400	0	8,400
	1987	1	5,000	2,000	7,000
	1986	3	110,000	21,000	131,000
	1985	2	1,300	1,210	2,510

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
RAE LAKES	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	0			
	1985	1		60,000	60,000
RANKIN INLET	1989	1	500,000	0	500,000
	1988	1	155,000	0	155,000
	1987	1	10,000		10,000
	1986	3	0	0	
	1985	4	90,000	300	90,300
REPULSE BAY	1989	0	0	0	0
	1988	1	0	1,400	1,400
	1987	0			
	1986	1		500	500
	1985	1		200	200
RESOLUTE BAY	1989	0	0	0	0
	1988	2	1,950,000	0	1,950,000
	1987	0			
	1986	0			
	1985	2	6,000	2,000	8,000
SACHS HARBOUR	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	1		170,000	170,000
	1985	0			
SANIKILUAQ	1989	1	3,000	0	3,000
	1988	0			
	1987	1	0	0	
	1986	4		21,100	21,100
	1985	1		40,000	40,000

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
SNOWDRIFT	1989	1	0	0	0
	1988	0			
	1987	0			
	1986	1	0	300	300
	1985	0			
SPENCE BAY	1989	0			
	1988	0			
	1987	0			
	1986	1	0	0	0
	1985	0			
TROUT LAKE	1989	0			
	1988	0			
	1987	0			
	1986	0			
	1985	0			
TUKTOYAKTUK	1989	8	23,500	2,200	25,700
	1988	6	0	2,430	2,430
	1987	5	304,000	400	304,400
	1986	8	2,075	13,950	16,025
	1985	4	6,000	2,700	8,700
TUNGSTEN	1989				
	1988				
	1987	Town closed in 1988.			
	1986				
	1985				
WHALE COVE	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	0			
	1985	0			

FIRE LOSSES BY COMMUNITY 1989

COMMUNITY	YEAR	# OF FIRES	$ LOSSES INSURED	$ LOSSES UNINSURED	$ TOTAL
WRIGLEY	1989	0	0	0	0
	1988	0			
	1987	0			
	1986	0			
	1985	0			
YELLOWKNIFE	1989	47	1,617,025	80,220	1,697,245
	1988	39	470,723	25,750	496,473
	1987	35	164,877	240,350	405,227
	1986	19	127,105	23,700	150,805
	1985	64	683,145	233,675	916,820
UNSETTLED AREAS	1989	1	1,000,000	0	1,000,000
	1988	2	0	165,000	165,000
	1987	0			
	1986	0			
	1985	0			
MINES	1989	0	0	0	0
	1988	1	0	0	
	1987	0			
	1986	4	352,500	10,220	362,720
	1985	2	507,000	2,532	509,532

FIRE LOSSES BY OCCUPANCY 1989

OCCUPANCY	# OF FIRES	$ LOSS	%
ASSEMBLY	9	596,500	10.70%
INSTITUTION	0	0	0.00%
RESIDENTIAL	81	1,992,696	35.75%
INDUSTRIAL, MANUFACTURING	0	0	0.00%
MERCANTILE	5	652,500	11.71%
MISCELLANEOUS PROPERTIES	8	1,363,800	24.47%
STORAGE PROPERTIES	8	335,350	6.02%
BUSINESS & PERSONAL SERVICES	2	2,000	0.04%
SPECIAL PROPERTIES - TRANSPORTATION	38	631,125	11.32%
- EQUIPMENT			0.00%
TOTAL	151	5,573,971	100.00%

FIRE LOSSES BY IGNITING OBJECT 1989

IGNITING OBJECT	# OF FIRES	$ LOSS	%
COOKING EQUIPMENT	18	203,245	3.65%
HEATING EQUIPMENT	25	856,200	15.36%
APPLIANCES AND EQUIPMENT	5	40,330	0.72%
ELECTRICAL DISTRIBUTION EQUIPMENT	21	734,400	13.18%
OTHER ELECTRICAL EQUIPMENT	0	0	0.00%
SMOKERS' MATERIAL AND OPEN FLAME	43	873,146	15.66%
EXPOSURE	3	160,700	2.88%
UNDETERMINED	23	1,254,350	22.50%
MISCELLANEOUS	13	1,451,600	26.04%
NO IGNITING OBJECT			0.00%
TOTAL	151	5,573,971	100.00%

FIRE LOSSES BY ACT OR OMISSION 1989

ACT OR OMMISSION	# OF FIRES	$ LOSS	%
ARSON, SUSPICIOUS, MISCHIEF	13	1,724,650	30.94%
MISUSE OF SOURCE OF IGNITION	44	733,100	13.15%
MISUSE OF MATERIAL IGNITED	20	1,014,041	18.19%
MECHANICAL, ELECTRICAL FAILURE, MALFUNCTION	20	837,800	0.00% 15.03%
CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY	8	121,600	0.00% 2.18%
MISUSE OF EQUIPMENT	10	193,230	3.47%
HUMAN FAILING	11	412,700	7.40%
UNCLASSIFIED	24	536,350	9.62%
VEHICLE ACCIDENT	1	500	0.01%
TOTAL	151	5,573,971	100.00%

ARSON, SUSPICIOUS, MISCHIEF FIRES

COMMUNITY	OCCUPANCY	DOLLAR LOSS	PROSECUTION	CONVICTION
Snowdrift	Dwelling	$ 500	None	None
Yellowknife	Park	350	None	None
Yellowknife	Vehicle	15,000	None	None
Yellowknife	Storage Bldg.	200	None	None
Iqaluit	Garbage Shed	100	None	None
Inuvik	Oxygen & Acetylene Plant	146,000	None	None
Fort Smith	Vacant Apartment Building	13,000	None	None
Iqaluit	Dwelling	20,000	None	None
Iqaluit	Hotel	500	None	None
Yellowknife	Vehicle	24,000	Under investigation*	
Ft. Providence	Dwelling	5,000	Yes	Yes
Kakisa	Telephone Exchange	1,000,000	Under investigation*	
Rankin Inlet	Restaurant	500,000	Under investigation*	

* Not enough evidence to proceed with charges at this time.

TOTAL FIRE LOSSES ANNUALLY 1985 - 1989

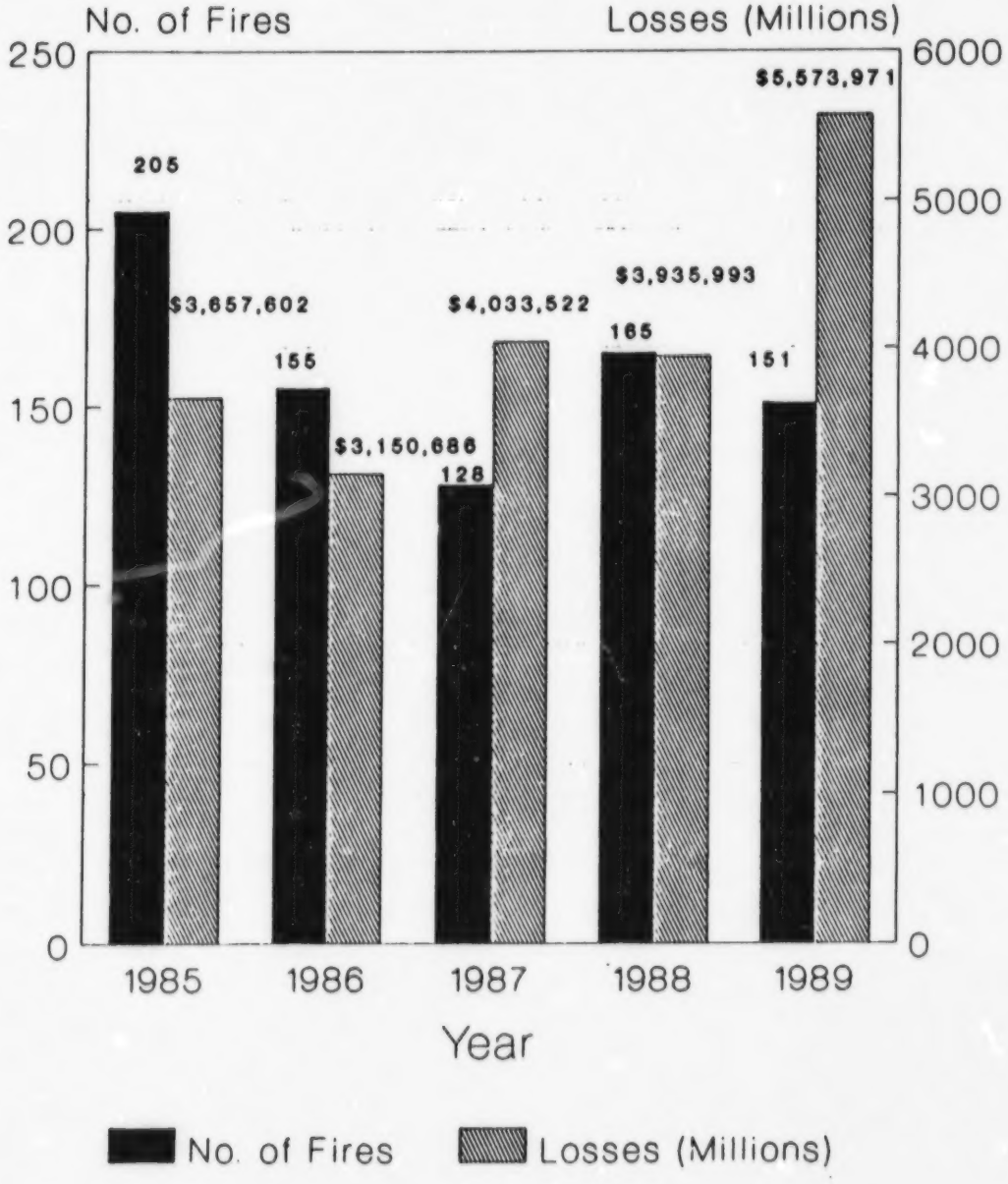
YEAR	# OF FIRES	$ LOSSED INSURED	$ LOSSED UNINSURED	$ TOTAL
1989	151	4,750,696	823,275	5,573,971
1988	165	3,374,948	561,045	3,935,993
1987	128	2,745,094	1,288,428	4,033,522
1986	155	2,040,856	1,109,830	3,150,686
1985	205	2,930,635	726,967	3,657,602

COMPARISON IN SIZE OF FIRE LOSSES IN DOLLARS 1989

$ 0-999	64
$ 1,000-9,999	36
$ 10,000-49,999	23
$ 50,000-99,999	11
$ 100,000-249,999	12
$ 250,000 & over	5
TOTAL	151

NUMBER OF FIRES AND TOTAL DOLLAR LOSSES

1985 - 1989



FIRE INJURIES - 1989

DATE	COMMUNITY	CAUSE OF FIRE	MALE	FEMALE	CHILD	TOTAL
Feb 29	Yellowknife	Accidental	2			2
March 3	Yellowknife	Cooking Stove	1			1
May 28	Yellowknife	Cigarettes		1		1
July 08	Yellowknife	Cigarettes	1			1
July 16	Yellowknife	Mechanical Failure	1			1
Aug 13	Yellowknife	Unknown	1			1
Nov 8	Pangnirtung	Matches-Child Play			2	2
Nov 17	Yellowknife	Unknown	1			1
			7	1	2	
		TOTAL.....				10

FIRE INJURIES 1985 - 1989

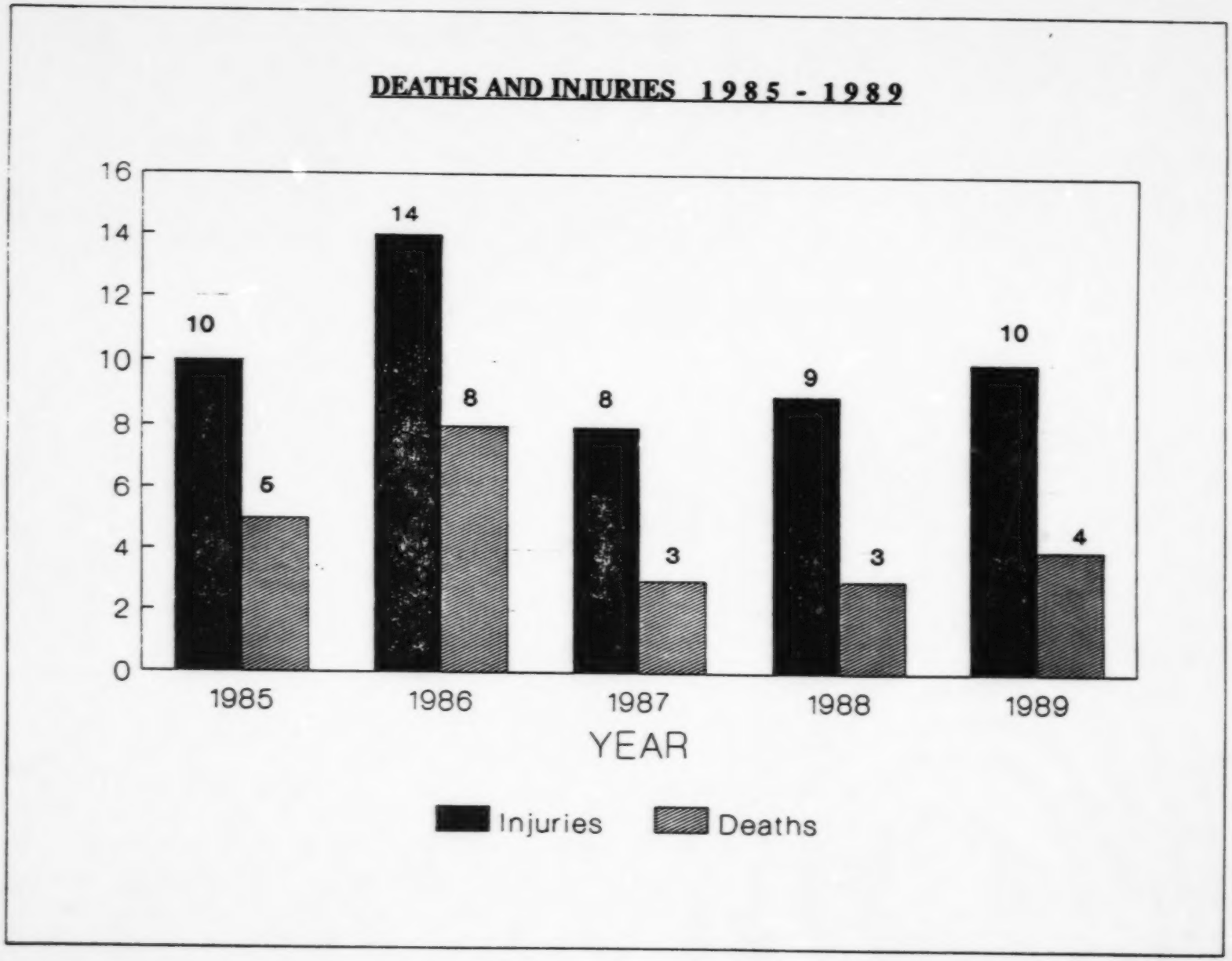
DATE	MALE	FEMALE	CHILDREN	FIREFIGHTERS	TOTAL
1989	7	1	2	0	10
1988	7	2	0	0	9
1987	5	3	0	0	8
1986	5	4	1	4	14
1985	8	2	0	0	10

FIRE DEATHS - 1989

DATE	COMMUNITY	CAUSE OF FIRE	MALE	FEMALE	CHILDREN	TOTAL
Feb 26	Fort Simpson	Matches-Child Play	2	1		3
Dec 17	Hay River	Cooking Stove	1			1
			3	1		
		TOTAL				4

FIRE DEATHS 1985 - 1989

YEAR	MALE	FEMALE	CHILDREN	FIREFIGHTERS	TOTAL
1989	3	1	0	0	4
1988	2	1	0	0	3
1987	2	1	0	0	3
1986	4	2	2	0	8
1985	0	2	3	0	5


DEATHS AND INJURIES 1985 - 1989
16
14
12
10
8
6
4
2
0
10
5
14
8
8
3
9
3
10
4
1985
1986
1987
1988
1989
YEAR
Injuries
Deaths

REGIONAL COMMUNITIES

FORT SMITH REGION

1. Dettah
2. Edzo
3. Enterprise
4. Fort Liard
5. Fort Providence
6. Fort Resolution
7. Fort Simpson
8. Fort Smith
9. Hay River
10. Jean Marie River
11. Kakisa
12. Lac La Martre
13. Nahanni Butte
14. Rae
15. Rae Lakes
16. Snowdrift
17. Trout Lake
18. Wrigley
19. Yellowknife

BAFFIN REGION

1. Arctic Bay
2. Broughton Island
3. Cape Dorset
4. Clyde River
5. Iqaluit
6. Grise Fiord
7. Hall Beach
8. Igloolik
9. Lake Harbour
10. Nanisivik
11. Pangnirtung
12. Pond Inlet
13. Resolute
14. Sanikiluaq

INUVIK REGION

1. Aklavik
2. Arctic Red River
3. Colville Lake
4. Fort Franklin
5. Fort Good Hope
6. Fort McPherson
7. Fort Norman
8. Inuvik
9. Norman Wells
10. Paulatuk
11. Sachs Harbour
12. Tuktoyaktuk

KEEWATIN REGION

1. Arviat
2. Baker Lake
3. Chesterfield Inlet
4. Coral Harbour
5. Rankin Inlet
6. Repulse Bay
7. Whale Cove

KITIKMEOT

1. Cambridge Bay
2. Coppermine
3. Gjoa Haven
4. Holman
5. Pelly Bay
6. Spence Bay

FIRE LOSSES BY REGION — JANUARY 1 - DECEMBER 31 — 1989

CLASS	#	$ FORT SMITH	#	$ INUVIK	#	$ KITIKMEOT	#	$ KEEWATIN	#	$ BAFFIN	#	$ TOTAL
NWT HOUSING CORP.	2	8,500	4	65,000	2	280,000	0	0	2	55,500	10	409,000
GNWT	4	22,030	4	4,350	2	0	0	0	8	23,050	18	49,430
FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0
OTHERS	70	3,067,916	30	1,285,050	4	2,000	2	710,000	17	50,575	123	5,115,541
TOTAL	76	3,098,446	38	1,354,400	8	282,000	2	710,000	27	129,125	151	5,573,971
DEATHS	4										4	
INJURIES	6								3		9	

PROVINCIAL/TERRITORIAL

ANNUAL FIRE LOSS RETURN

Province/Territory NORTHWEST TERRITORIES

Year 1989

GENERAL INFORMATION:

Number of Fire Departments:	Full Time	Ø
	Volunteer	48
	Composite	4
Number of Fire Fighters:	Full Time	27
	Volunteer	750

PROVINCIAL/TERRITORIAL
ANNUAL FIRE LOSS RETURN

Province/Territory Northwest Territories

TO: FIRE COMMISSIONER OF CANADA

Year 1989

				Injuries					Fatalities				
1/ Property Class	**Codes**	**No. of Fires**	**Dollar Loss**	***FF**	**M**	**W**	**C**	**Uncl.**	**FF**	**M**	**W**	**C**	**Uncl.**
ASSEMBLY	-												
- Theatre, Studio, Auditorium	110	Ø	Ø										
- Amusement, Recreation Place (Excludes Social, Sport Clubs)	120	Ø	Ø										
- School, College, University	130	4	5,000										
- Church, Funeral Parlour	140	3	90,500										
- Clubs, Social, Sport	150	Ø	Ø										
- Museum, Art Gallery, Libraries	160	Ø	Ø										
- Food or Beverage Establishment	170	2	501,000										
- Passenger Terminal, Station	180	Ø	Ø										
- Miscellaneous	190	Ø	Ø										
ASSEMBLY SUB TOTAL	110 - 199	**9**	**596,500**										
INSTITUTION	-												
- Prison, Jail, Reformatory	210	Ø	Ø										
- Home for Aged	220	Ø	Ø										

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				Injuries					Fatalities				
1/ Property Class	Codes	No. of Fires	Dollar Loss	*FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
INSTITUTION (Cont'd)	-												
- Child Care	230	Ø	Ø										
- Hospital, Sanitarium, Clinic	240	Ø	Ø										
- Miscellaneous	290	Ø	Ø										
INSTITUTION SUB TOTAL	210 - 299	Ø	Ø										
RESIDENTIAL	-												
- One & Two Family Dwellings	310	—	—	—	—	—	—	—	—	—	—	—	—
- Urban (Pop. 1000 or more)	311-319	61	1,411,247		2	1	2			2	1		
- Rural (Pop. less than 1000)													
- Unclas. Urban/Rural													
- Apartment, Tenement, Flat	320	10	265,300										
- Rooming, Boarding, Lodging House, Hostel	330	0	0										
- Hotel, Inn, Lodge	340	3	37,149										
- Motor Hotel, Motel	350	Ø	Ø										
- Dormitory	360	1	14,500										
- Mobile Home, Trailer	370	6	262,000		2					1			
- Miscellaneous	390	1	2,500										
RESIDENTIAL SUB TOTAL	310 - 399	81	1,992,696		4	1	2			3	1		

I/ Property Class	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
BUS. & PERSONAL SERVICE SUB TOTAL	410 - 499	2	2,000										
MERCANTILE SUB TOTAL	510 - 599	5	652,500										
INDUSTRIAL MANUFACTURING SUB TOTAL	610 - 699	Ø	Ø										
STORAGE PROPERTIES SUB TOTAL	710 - 799	8	335,350		2								
SPECIAL PROP. - TRANS. EQUIP.	-												
- Outdoor Property	810	4	9,450										
- Special Connecting Properties	820	Ø	Ø										
- Construction, Demolition, Vacant	830	1	Ø										
- Watercraft	840	Ø	Ø										
- Rail, Transport Vehicle & Equip.	850	Ø	Ø										
- Ground Transport Vehicle	860	31	566,675		1								
- Aircraft	870	1	5,000										
- Special Vehicles	880	1	50,000										
- Pier, Wharf	890	Ø	Ø										
SPECIAL PROPERTIES - TRANS. EQUIP. SUB TOTAL	810 - 899	38	631,125		1								

1/ Property Class	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
MISCELLANEOUS PROPERTY	-												
- Laboratories	910	Ø	Ø										
- Farm Facilities (Excludes Residential)	920	Ø	Ø										
- Utilities	940	Ø	Ø										
- Other Miscellaneous	930 950 - 990	8	1,363,800										
MISC. PROPERTY SUB TOTAL	900 - 999	8	1,363,800										
ALL PROPERTY CLASSIFICATIONS - TOTAL		151	5,573,971		7	1	2			3	1		

* FF - Fire Fighters
M - Men
W - Women
C - Children
Uncl. - Unclassified

II/ Igniting Object - Source of Ignition	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
NO IGNITING OBJECT SUB TOTAL	01	Ø	Ø										
COOKING EQUIPMENT:													
- Stove, Range Involved	02 - 05	16	203,025		1					1			
- Self Heat Appliances	06, 07 11 - 14	Ø	Ø										
- Warming Appliances	15, 16	1	200										
- Unclassified	18, 19	1	20										
COOKING EQUIPMENT SUB TOTAL	02 - 19	18	203,245		1					1			
HEATING EQUIPMENT:													
- Heating Units	20 - 24	15	767,200										
- Fireplace	25	4	26,500										
- Chimney, Flue-pipe	26 - 28	5	62,000										
- Unclassified	29	1	500										
HEATING EQUIPMENT SUB TOTAL	20 - 29	25	856,200										

II/ Igniting Object - Source of Ignition	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
APPLIANCES AND EQUIPMENT:													
- Television, Radio, Stereo	31, 32	Ø	Ø										
- Air Conditioning, Refrigeration	35 - 37	Ø	Ø										
- Elect. Appliances, Equipment	33, 34, 38 39, 41-44	3	7,580										
- Unclassified	49	2	32,750										
APPLIANCES & EQUIPMENT SUB TOTAL	31 - 49	5	40,330										
ELECTRICAL DISTRIBUTION EQUIPMENT:													
- Electric Wiring	51, 56-57	17	520,400										
- Electric Components	52-55, 58	2	2,700										
- Unclassified	59	2	211,300										
ELECTRICAL DISTRIBUTION EQUIPMENT SUB TOTAL	51 - 59	21	734,400										
OTHER ELECTRICAL EQUIPMENT:													
- Electric Motors	61, 62	Ø	Ø										

II/ Igniting Object - Source of Ignition	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
OTHER ELECTRICAL EQUIPMENT: (Cont'd)													
- Electronic Equipment	63, 64	Ø	Ø										
- Incandescent, Fluorescent Lamps	65, 66	Ø	Ø										
- Unclassified	69	Ø	Ø										
OTHER ELECTRICAL EQUIPMENT SUB TOTAL	61 - 69	Ø	Ø										
SMOKERS MATERIAL & OPEN FLAME:													
- Smoker's Material	71	10	142,550		1					2	1		
- Match, Lighter (not used with smoking) Lamp, Candle, Taper	72 - 74	24	385,725		2		2						
- Cutting, Welding, Various Torches	75 - 77	7	203,100										
- Hot Ashes, Embers (non-smoking material)	78	2	141,771										
- Unclassified	79	Ø	Ø										
SMOKERS MATERIAL & OPEN FLAME SUB TOTAL	71 - 79	43	873,146		3		2			2	1		

II/ Igniting Object - Source of Ignition	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
EXPOSURE													
- Structures	81 - 83	Ø	Ø										
- Outside Storage Containers	84	Ø	Ø										
- Open Fire	85	1	160,000										
- Forest, Grass, Brush	86, 87	2	700										
- Unclassified	89	Ø	Ø										
EXPOSURE SUB TOTAL	81 - 89	3	160,700										
MISCELLANEOUS SUB TOTAL	90 - 99	13	1,451,600		1								
UNDETERMINED SUB TOTAL	00	23	1,254,350		2	1							
ALL IGNITING OBJECT CLASSIFICATIONS TOTAL		151	5,573,971		7	1	2			3	1		

* FF - Fire Fighters
M - Men
W - Women
C - Children
Uncl. - Unclassified

III/ Act or Omission	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
ARSON OR OTHER SET FIRES	-												
- Arson/Suspected Arson	02 - 06	7	1,559,000		1								
- Other Set Fire	10-14, 19	6	165,650										
ARSON OR OTHER SET FIRES SUB TOTAL	02 - 19	13	1,724,650		1								
MISUSE OF SOURCE OF IGNITION	-												
- Smokers Material	21	Ø	Ø										
- Child Playing with	24	20	529,000				2			2	1		
- Welding, Cutting, Thawing	22, 25-26	9	37,800										
- Unclassified	20, 23, 29	15	166,300		1								
MISURE OF SOURCE OF IGNITION SUB TOTAL	20 - 29	44	733,100		1		2			2	1		
MISUSE OF MATERIAL IGNITED	-												
- Misuse of Flammable Liquid	31 - 34	6	545,000										
- Improper Storage or Container	35, 37-38	8	446,471										

III/ Act or Omission	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
MISUSE OF MATERIAL IGNITED (Cont'd)													
- Overheated Cooking Oil, Grease, Wax	36	1	20,000										
- Unclassified	30, 39	5	22,550										
MISUSE OF MATERIAL IGNITED SUB TOTAL	30 - 39	20	1,014,041										
MECHANICAL, ELECTRICAL FAILURE MALFUNCTION	-												
- Failure of Part, Control or Worn Out	41-43, 46	3	3,700										
- Electrical Short Circuit	44	11	375,000										
- Unclassified	40, 49	6	459,100		1								
MECHANICAL, ELECTRICAL FAILURE MALFUNCTION SUB TOTAL	40 - 49	20	837,800		1								
CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY	-												
- Design, Construction, Installation Deficiency	51 - 54	6	75,600										
- Suspect Aluminum Wiring	56	Ø	Ø										

III/ Act or Omission	Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
				FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY (Cont'd)	-												
- Suspect Copper Wiring	57	Ø	Ø										
- Unclassified	50, 55, 59	2	46,000										
CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY SUB TOTAL	50 - 59	8	121,600										
MISUSE OF EQUIPMENT SUB TOTAL	60 - 69	10	193,230										
HUMAN FAILING	-												
- Asleep	71	Ø	Ø										
- Suspected Impairment by Alcohol, Drugs, Medication	75, 76	10	112,700		1					1			
- Unclassified	70, 72-74 77-79	1	300,000		2								
HUMAN FAILING SUB TOTAL	70 - 79	11	412,700		3					1			
VEHICLE ACCIDENT SUB TOTAL	80 - 89	1	500										

III/ Act or Omission		Codes	No. of Fires	Dollar Loss	Injuries					Fatalities				
					FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
UNCLASSIFIED	SUB TOTAL	00 - 99	24	536,350		1	1							
ALL ACT OR OMISSION CLASSIFICATIONS	TOTAL		151	5,573,971		7	1	2			3	1		

* FF - Fire Fighters
M - Men
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C - Children
Uncl. - Unclassified

IV/ List of fires by date sequence in which the estimated loss was $500,000 or over:

LOCATION	DATE	PROPERTY/CLASSIFICATION	ACT OR OMISSION	DOLLAR LOSS	CASUALTIES	
					INJURIES	DEATHS
AKISA	AUG. 3, 1989	NORTHWESTEL MICROWAVE TOWER	ARSON	$1,000,000.00	None	None
ANKIN INLET	OCT. 8, 1989	RESTAURANT	ARSON	$ 500,000.00	None	None

Submitted By: LEB/ Christopher Bell

Title: Fire Marshal

Date: December 31, 1989